



Decarbonising covered crops with Geoheat

GEOTHERMAL HEAT

Renewable energy Accessible to growers
Efficient Compared to fossil-fuel burners
24/7, low-emission A great alternative

Join the pilot Let's explore this opportunity

➤ **Meetings in BoP, Waikato and Auckland**
Connect with the people and project

➤ **People Power**
It will take a willingness from growers, industry, local Government, consultants – science, community and iwi to make successful

➤ **Better business**
Energy that makes sense economically; emission reduction opportunities that are significant for business

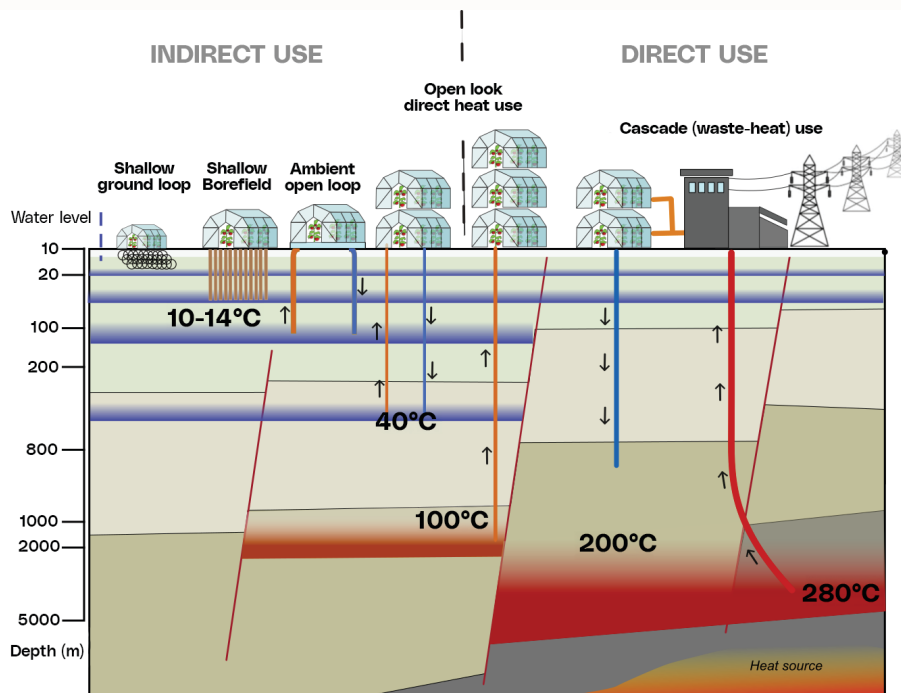


Illustration of different subsurface conditions that are suitable for geothermal heat use.



About the Project

This pilot project will unlock the potential for low temperature (<150°C) geothermal installations and ground source heat pumps to heat horticultural greenhouses, supporting industry decarbonisation efforts.

This research will map low temperature geothermal resources and subsurface characteristics in the Auckland, upper Waikato and Bay of Plenty regions.

Geological and hydrological data, along with economic assessments for representative greenhouses, will be included in the new web based tool, informing growers of the economics of geothermal heat use.

Contact

Anya Seward, GNS Science:
a.seward@gns.cri.nz

Antony Heywood, VNZI:
Antony.Heywood@freshvegetables.co.nz



Ministry for Primary Industries
Manatū Ahu Matua

